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MINISTRY OF HEALTH
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ANNUAL REPORT OF THE MEDICAL OFFICER
OF HEALTH FOR THE YEAR 1940.

To :

- 1) The Mayor and Corporation of Stratford-upon-Avon.
- 2) The Chairman and Members of the Stratford-upon-Avon R.D.C.
- 3) The Chairman and Members of the Shipston-on-Stour R.D.C.

I beg to submit herewith my Annual Report for the year 1940.

In accordance with Circular 2067 of the Ministry of Health which states "These Reports should be confined to essential and urgent matters arising from and connected with the war-outbreaks of Infectious Disease etc." Consequently, I have confined the scope of these Reports to a general survey of the public health services in the district, with details of the Vital Statistics-the incidence of Infectious Diseases and Tuberculosis stated separately for each district.

Borough of Stratford-upon-Avon.

Live Births -

		<u>Male.</u>	<u>Female.</u>	<u>Total.</u>
Legitimate	...	93	73	166
Illegitimate	...	3	4	7

173.

Birth rate per 1,000 estimated population = 12.93

Stillbirths -

		<u>Male.</u>	<u>Female.</u>	<u>Total.</u>
Legitimate	...	1	1	2
Illegitimate	...	1	-	1

3
177

Rate per 1,000 (live and stillbirths) = 16.04

Deaths -

		Male.	72.	Female.	118.	Total	190.
Death Rate per 1,000 estimated population	=	14.21.					
Corrected " " " " " "	=	12.36.					

Deaths from Puerperal causes -

Puerperal sepsis ... Nil
Other Puerperal causes. ... One.

Death Rate of Infants under one year -

All Infants per 1,000 live births ... 38.04

Deaths from Measles(all ages)	...	Nil
" " Whooping Cough(all ages) ..		Nil.
" " Diarrhoea (under two years).		Two
" " Cancer(all ages) ...	...	28

Estimated Population - 13,370. ✓

1911

1. 1911-12-15
2. 1911-12-16
3. 1911-12-17

1911-12-18

1911-12-19

1911-12-20

1911-12-21
1911-12-22

1911-12-23

1911-12-24
1911-12-25
1911-12-26

1911-12-27
1911-12-28

1911-12-29
1911-12-30

Rural District of Stratford-on-Avon.

<u>Live Births-</u>		<u>Male.</u>	<u>Female.</u>	<u>Total.</u>
Legitimate	...	104	120	224
Illegitimate	...	11	5	16

Birth rate per 1,000 estimated population = 15.05.

<u>Stillbirths-</u>		<u>Male.</u>	<u>Female.</u>	<u>Total.</u>
Legitimate	...	7	2	9
Illegitimate	...	-	-	-

Rate per 1,000 (live and stillbirths) = 36.14.

<u>Deaths-</u>		Male. 103.	Female. 103.	Total 206.
Death rate per 1,000 estimated population				= 12.29
Corrected " " " "		"	"	= 10.74

Deaths from Puerperal causes-

Puerperal sepsis ... Nil.
Other Puerperal causes. Nil.

Death rates of infants under one year--

All infants per 1,000 live births ... 29.16.

Deaths from Measles(all ages)	.....	Nil.
" " Whooping cough(all ages),	.....	Nil.
" " Diarrhoea(under two years),	.....	2
" " Cancer(all ages)	.....	20.

Estimated Population = 15,940

Rural District of Shipston-on-Stour.

<u>Live Births-</u>		<u>Male.</u>	<u>Female.</u>	<u>Total.</u>
Legitimate	...	53	43	96
Illegitimate	...	3	1	4

Birth rate per 1,000 estimated population = 12.70

<u>Stillbirths-</u>		<u>Male.</u>	<u>Female.</u>	<u>Total.</u>
Legitimate	...	-	-	-
Illegitimate	...	-	-	-

Rate per 1,000 (live and stillbirths) = Nil.

<u>Deaths -</u>		Male. 54.	Female. 74.	Total 128.
Death rate per 1,000 estimated population				= 16.39.
Corrected " " " "		"	"	= 12.45.

Deaths from Puerperal causes-

Puerperal sepsis ... Nil.
Other Puerperal causes. Nil.

Death rate of Infants under one year-

All infants per 1,000 live births ... 110

Deaths from Measles(all ages)	.....	Nil
" " Whooping cough(all ages)	.....	Nil
" " Diarrhoea(under two years)	.....	Nil
" " Cancer(all ages)	.....	14.

Estimated population = 7,870.

CONDITIONS DUE TO THE WAR

In the early part of the War the District received large numbers of evacuees, principally from the cities of Birmingham and Coventry.

During 1940 a considerable percentage of these returned to their homes but were again evacuated to the District after the heavy raids of October and November.

There have also been a very large number of unofficial evacuees, principally from towns in the South of England and from London.

The populations of the Districts have also been much increased by the presence of His Majesty's Forces.

There has been, ^{consequently} ~~secondly~~, a considerable amount of overcrowding, particularly in the Rural Districts. The general health of the districts however has continued to be, on the whole, satisfactory.

INCIDENCE OF INFECTIOUS DISEASE.

There has been no marked increase in the incidence of Infectious Disease. The number of cases notified is larger than the previous year but not out of proportion to the very large increase in the population.

With the exception of Whooping Cough and Measles and Pneumonia, practically all other cases of Infectious Disease have been admitted to the Joint Hospital which has also accommodated cases from the Troops stationed in the District.

IMMUNISATION AGAINST DIPHTHERIA.

A start was made on the routine immunisation of children between the ages of 5 - 15 during December 1940 and this work has since been completed.

The percentage of children protected in the different districts is:-

Stratford Borough	.....	63. 3
Stratford Rural District.....		67.7
Shipston-on-Stour Rural District...		66

NOTIFIABLE DISEASES (AGE GROUPS)

Borough of Stratford-upon-Avon. 1940.

Disease	Under 1 Year	1-2	2-3	3-4	4-5	5-10	10- 15	15- 20	20- 35	35-45	45- 65	Over 65	Total cases.	Cases admit- ted to Hospital.	Total deaths
Scarlet fever		4	1	12	9	18	5	1	3	4			57	49	nil
Diphth- -eria			1				3			2	1		7	7	1
Puer- peral Pyrexia								1	5	1			11	5	nil
Pneumon- -ia	1					3	2	3	3	2	8	1	23	3	1
Measles		5	4	1	1	15	3	1	5	3			38	1	nil
Whooping cough.	1	2	1	8	4	1	1			1			19	nil.	nil
Erysip- elas								1	2	1		1	5	nil.	nil
Ophthal- mia Neonat- orum.	1												1	1	nil
Polio- myelitis									1				1	1	nil
Cerebro- spinal fever.						1			1				2	2	nil
Para- typhoid "A"									1				1	1	1

NOTIFIABLE DISEASES (AGE GROUPS)

STRATFORD-UPON-AVON RURAL DISTRICT COUNCIL
1940

Disease	Under 1 Year	1-2	2-3	3-4	4-5	5-10	10- 15	15- 20	20- 35	35- 45	45- 65	Over 65	Total cases	Cases admitted to Hospital	Total deaths
Scarlet Fever			1	7	6	21	10	1	4	1	2		53	43	nil
Diph- theria					1	1	1	1		1	1		6	5	nil
Puer- peral Pyrexia								1	2				3	3	nil
Pneu- monia.			1	1	1					1	10	3	17	nil	1
Polio- myelitis		1				1							2	1	nil
Cerebro- spinal fever.									1				1	1	nil
Para- typhoid "B"						1	1						2	1	nil
Whooping Cough.	1	8	4	5	8	18			2				46	nil	nil
Erysip- elas										1			1	1	nil
Measles	2		2	6	9	26	9	7	5	1	1		68	nil	nil

NOTIFIABLE DISEASES (AGE GROUPS)

SHIPSTON-ON-STOUR RURAL DISTRICT COUNCIL. 1940.

Disease	Under 1 Year.	1-2	2-3	3-4	4-5	5-10	10-15	15-20	20-35	35-45	45-65	Over 65	Total cases	Cases admitted to Hospital	Total Deaths
Scarlet Fever.				2	1	11	9	1	1	2		1	28	21	nil.
Pneumonia		1						1	3	1	3		9	nil	nil
Diphtheria				1	1								2	2	nil
Cerebro-spinal fever	1			1			1						3	2	1
Measles	1	2	3	10	9	38	2	3	3	2	1		74	nil	nil
Puerperal Pyrexia									1				1	1	nil
Erysipelas											1		1	nil.	nil

The following pathological specimens were submitted for analysis during the year.

Throat Swabs for Diphtheria Bacilli	=	46
Sputum etc.for Tubercle Bacilli	=	51
Blood for Widal's Reaction	=	8
Blood for Bacillus Abortus	=	6
Chemical Analysis of Water	=	41
Bacteriological " " "	=	20
Chemical Analysis of Sewage Effluents	=	16
Bacteriological Analysis of Milk	=	72

Tuberculosis.

The following tables show (1) the incidence of Tuberculosis and(2) death rate from Tuberculosis:-

Borough of Stratford-upon-Avon.

Age Periods.	New Cases .				Deaths.			
	Pulmonary		Non- Pulmonary.		Pulmonary.		Non- Pulmonary.	
	M.	F.	M.	F.	M.	F.	M.	F.
0 - 1								
1 - 5								
5 - 10								
10 -15								
15 -20				1				
20 -25	1							
25 -35		2		1		2		
35 -45								
45 -55					2.			
55 -65					1			
65 and upwards.								
TOTALS.	1	2		2	3	2		

Rural District of Stratford-upon-Avon.

Age Periods	New Cases				Deaths.			
	Pulmonary.		Non-Pulmonary.		Pulmonary.		Non-Pulmonary.	
	M.	F.	M.	F.	M.	F.	M.	F.
0 - 1								
1 - 5								
5 - 10								
10- 15								
15- 20	1	1				2		
20- 25								
25- 35		1						
35- 45	1		1					
45- 55		1				1		
55- 65								
65 and upwards.								
Totals.	2	3	1			3		

Rural District of Shipston-on-Stour.

Age Periods	New Cases.				Deaths.			
	Pulmonary.		Non-Pulmonary.		Pulmonary.		Non-Pulmonary.	
	M.	F.	M.	F.	M.	F.	M.	F.
0 - 1			1				1	
1 - 5			1				1	
5 - 10			1					
10- 15								
15- 20	1	1				1		
20- 25								
25- 35								
35- 45	1		2		1			
45- 55	1				1			
55- 65								
65 and upwards								
Totals.	3	1	5		2	1	2	

CAUSES OF DEATH, 1940.

	Stratford Borough.		Stratford R.D.		Shipston R.D.	
	M.	F.	M.	F.	M.	F.
Cerebro-spinal fever.	-	-	-	-	1	-
Whooping Cough,	-	-	1	-	-	-
Diphtheria.	1	2	-	-	-	-
Tuberculosis(Respiratory)	3	3	2	3	2	1
Tuberculosis(other)	-	-	-	-	2	-
Syphilis	-	1	-	1	1	-
Influenza	4	-	2	3	2	4
Encephalitis lethargica	1	1	-	1	-	-
Cancer of buccalcavity(M) & oesphagus(M)&uterus(F)	2	3	-	-	-	1
Cancer of stomach & duodenum.	1	2	1	-	-	-
Cancer of breast.	-	5	-	2	-	2
Cancer-other sites	5	10	9	8	6	5
Diabetes	-	-	2	-	-	1
Intra-cranial vascular lesions.	6	15	13	12	7	6
Heart disease	24	24	28	32	5	19
Other diseases of circulatory system.	5	9	4	4	4	6
Bronchitis	6	7	6	7	5	5
Pneumonia	3	3	2	2	1	1
Other respiratory diseases.	-	-	1	1	-	1
Ulcer of stomach or duodenum.	1	2	1	-	2	-
Diarrhoea(under 2 years)	1	1	-	2	-	-
Appendicitis	-	-	1	-	-	1
Other digestive disorders	-	5	4	6	6	4
Nephritis.	2	6	5	2	2	4
Other maternal causes.	-	1	-	-	-	-
Premature birth.	1	1	-	2	1	2
Congenital malformation, birth injury, etc.,	2	2	1	-	3	2
Suicide	-	-	-	2	-	-
Road accidents.	-	-	5	1	-	-
Other violent causes.	-	2	4	-	-	-

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CAUSES OF DEATH, 1940 (continued)					
	Stratford Borough.		Stratford R.D.		Shipston R.D.
	M.	F.	M.	F.	M. F
All other causes.	4	13	11	12	4 9
	<hr/>		<hr/>		<hr/>
	72	118	103	103	54 74
	<hr/>		<hr/>		<hr/>

I have the honour to remain, Ladies and Gentlemen,
Your obedient servant,
L.L.FYFE
Medical Officer of Health.

